Amendments To The Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-12 (Cancelled without prejudice or disclaimer).

13. (Currently Amended) A symbol generator including:

a graphical user interface including a first data input area facilitating entry of a designator for a formatted file ~~data~~, and a second data input area facilitating entry of command data;

an encoder encoding into at least one symbol a formatted file in accordance with said designator ~~input formatted file data~~, and a command in accordance with said input command data.

14. (Currently Amended) The generator of claim 13, wherein said graphical user interface further includes a data input area facilitating input of path data ~~involving~~ designating a storage location for storing a formatted file onto a portable device.

15. (Currently Amended) The generator of claim 13, wherein said generator automatically changes a number of symbols to encode depending on a size of a file selected for encoding.

16. (Original) The generator of claim 13, wherein said graphical user interface includes a data input area allowing a user to indicate a number of symbols to be encoded.

17. (Currently Amended) The generator of claim 13, wherein said graphical user interface further includes a data ~~entry~~ input area facilitating entry of data indicating whether encoded symbol data is to be compressed.

18. (Original) The generator of claim 13, wherein said graphical user interface further includes a data entry area facilitating entry of data indicating whether encoded symbol data is to be encrypted prior to being encoded into a symbol.

Claims 19-46 (Cancelled without prejudice or disclaimer).

47. (Original) A symbol generator including:

a prompting user interface including a first data input area and a second data input area, said first data input area receiving information pertaining to a formatted file to encode, said second data input area receiving information pertaining to a number of bar codes to encode;

wherein said symbol generator encodes formatted file data in accordance with information input into said first data input area and encodes a number of bar codes in accordance with information input into said second data input area.

48. (Original) The symbol generator of claim 47, wherein said user interface includes a feedback information area indicating a number of bytes of data into a to-be-encoded bar code.

49. (Original) The symbol generator of claim 47, wherein said user interface is a GUI.

50. (Original) The symbol generator of claim 47, wherein said user interface includes a third data input area receiving data corresponding to a desired number of bytes of a to-be-encoded bar code.

51. (Original) The symbol generator of claim 47, wherein formatted file designation input into said first data input area is a designation corresponding to an .EXE file.

52. (Currently Amended) A symbol generator comprising:

a user interface allowing a user to input information respecting data to encode, the user interface including a data input area for designating a destination directory, the destination directory designating a storage location for data produced by decoding of symbol encoded by said symbol generator;

an encoder encoding a set of bar codes in accordance with said input information;

wherein said encoder, in encoding said bar code symbol set encodes in each symbol of said set a field indicating a total number of symbols of said set and a ~~filed~~ field indicating the number in said set of said present ~~field~~ bar code symbol set.

53. (Currently Amended) The symbol generator of claim 52, wherein said user interface allows a user to ~~designated~~ designate a formatted file to encode.

54. (Original) The symbol generator of claim 52, wherein said user interface allows a user to designate a number of symbols to encode.

Claims 55-68 (Cancelled without prejudice or disclaimer).

69. (Currently Amended) A symbol generator comprising:

a graphical user interface including a first data input area facilitating designation of ~~one or more out of a plurality of viewable files~~ at least one file available for encoding, the ~~plurality of viewable files available for encoding each being of a type selected from the group consisting of viewable document files, viewable image files, and viewable video files,~~ symbol generator being configured so that types of files available for encoding by said symbol generator include at least one of document files, image files, and video files, the graphical user interface including a second data input area facilitating entry of command data, the second data input area enabling a user to ~~designated~~ designate whether a ~~viewable~~ file designated for encoding in said first data input area will be displayed at the time when a symbol encoding the ~~viewable~~ file is read; and

an encoder encoding into at least symbol at least one of a document file, an image file, and a video file in accordance with designating information input into said first data input area, and further encoding into said second data input area command data, if any, input into said second data input area.

70. (Currently Amended) The symbol generator of claim 69, wherein said plurality of viewable files available for encoding are stored at ~~said symbol generator~~ a memory location of a computer that presents said graphical user interface.

71. (Currently Amended) The symbol generator of claim 69, wherein ~~each of said plurality viewable files available for encoding is~~ said encoder encodes a document file.

72. (Currently Amended) The symbol generator of claim 69, wherein ~~each of said plurality of viewable files available for encoding in~~ said encoder encodes an image file.

73. (Currently Amended) A symbol generator comprising:

a graphical user interface including a first data input area facilitating designation of one or more ~~out of a plurality of viewable~~ files available for encoding, the ~~plurality of viewable files available for encoding each being of a type selected from the group consisting of viewable document files, viewable image files, and viewable video files,~~ symbol generator being configured so that types of files available for encoding by said symbol generator include at least one of a document file, an image file, and a video file, the graphical user interface including a second data input area facilitating entry of command data, the second data input area enabling a user to input a command for encoding which when decoded and run by a reader causes a reader to download from a server a ~~viewable~~ file of a type selected from the group consisting of ~~viewable~~ document files, ~~viewable~~ image files, and ~~viewable~~ video files; and

an encoder encoding into at least one symbol ~~any file that is designated in said first data input area, and any command that is input into said second data input area.~~ at least one of the following: (a) a file of a file type selected from the group consisting of a document file,

an image file, and a video file; and (b) a command to download from a server a file of a file type selected from the group consisting of a document file, an image file, and a video file.

74. (Currently Amended) The symbol generator of claim 73, wherein said plurality of ~~viewable~~ files available for encoding are stored at ~~said symbol generator~~ a memory location of a computer that presents said graphical user interface.

75. (Currently Amended) The symbol generator of claim 73, wherein ~~each of said plurality viewable files available for encoding is~~ said encoder encodes a document file.

76. (Currently Amended) The symbol generator of claim 73, wherein ~~each of said plurality of viewable files available for encoding is~~ said encoder encodes an image file.

77. (Currently Amended) A symbol generator comprising:

a graphical user interface including a first data input area facilitating designation of ~~one out of a plurality of~~ at least one ~~files~~ file available for encoding, the ~~plurality of files~~ symbol generator being configured so that available for encoding ~~being~~ by said symbol generator are files of first, second and third different file types; and

an encoder encoding into at least one symbol a file in accordance with designating information input into said first data input area, and further encoding into said at least one symbol a command which when run by a reader that reads said at least one symbol causes said reader to execute one of a plurality of file opening programs, the one file opening program which is executing being responsive to a determination of a file type of said file that is encoded into said symbol.

78. (Currently Amended) The symbol generator of claim 77, wherein said ~~plurality of~~ files available for encoding are stored at ~~said symbol generator~~ a memory location of a computer that presents said graphical user interface.

79. (Currently Amended) The symbol generator of claim 77, wherein said file that is encoded into said at least one symbol is a document file and wherein said program that is executed is a word processing program.

80. (Previously Presented) The symbol generator of claim 77, wherein said command that is encoded is a SHELLEXECUTEX command of the type that can be run by a mobile computer incorporating the POCKETPC operating system.

81. (New) The symbol generator of claim 13, wherein said graphical user interface is displayed on a display of a portable reconfigurable device that is configured to read and process symbols of the type that are generated by said symbol generator.

82. (New) The symbol generator of claim 81, wherein said portable reconfigurable device displaying said graphical user interface includes a mode of operation in which said portable reconfigurable device utilizes one of OS free or single-threaded commands to display on said display at least one of a broadcast menu interface, and a receive menu interface.

83. (New) The symbol generator of claim 81, wherein said portable reconfigurable device displaying said graphical user interface includes a motherboard and a radio circuit board, and an interconnection assembly connecting said motherboard and said radio circuit board, said interconnection assembly including a pair of snap fitting board connectors, and a connector sleeve disposed about said board connectors to oppose shear forces relative to said board connectors.

84. (New) The symbol generator of claim 83, wherein said portable reconfigurable device displaying said graphical user interface includes a motherboard and a radio circuit board, and an interconnection assembly connecting said motherboard and said radio circuit board, said interconnection assembly including a pair of snap fitting board connectors, and a connector sleeve disposed about said board connectors to oppose shear forces relative to said board connectors.

85. (New) The symbol generator of claim 81, wherein a software module driving said graphical user interface and said encoder are incorporated in a common computer.

86. (New) A symbol generator comprising:

a user interface having an information entry area for designating at least one file to encode into at least one symbol, the symbol generator being configured so that designators for files of a plurality different file types can be entered into said information entry area, the symbol generator further being configured so that a designator for a configuration file including user preference configuration data can be designated in said information entry area;

a generate button which when actuated results in at least one symbol being encoded; and

an encoder, the encoder encoding into at least one symbol said configuration file when said generate button is actuated with a designator for said configuration file being entered into said information entry area.

87. (New) The symbol generator of claim 86, wherein said symbol generator is configured to receive a designator for a .REG file in said information entry area, and wherein said encoder encodes a .REG file for changing a setting of a WINDOWS Registry.

88. (New) The symbol generator of claim 86, wherein said designator for said configuration text file is a name of said configuration text file.